

# M A T E R I A L   S A F E T Y   D A T A   S H E E T

## SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : ANCHOR FAST - ANCHORING CEMENT  
 UPC NUMBER : 7079832025, 7079832086  
 PRODUCT USE/CLASS : Anchor cement

MANUFACTURER: 24 HOUR EMERGENCY:  
 DAP INC. TRANSPORTATION: 1-800-535-5053 (352-323-3500)  
 2400 BOSTON STREET MEDICAL : 1-800-327-3874 (513-558-5111)  
 BALTIMORE, MD 21224

PREPARE DATE: 11/1/1999 GENERAL INFORMATION:  
 REVISION NO.: 2 DAP INC. : 1-888-DAP-TIPS (1-888-327-8477)  
 REVISION DATE: 03/27/2000

## SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

ITEM	CHEMICAL NAME	CAS NUMBER	WT/WT % RANGE
01	Crystalline silica	14808-60-7	30.0-40.0 %
02	Portland cement	65997-15-1	50.0-55.0 %
03	Fused calcium aluminate	65997-16-2	10.0-20.0 %

ITEM	ACGIH		OSHA		COMPANY	
	TLV-TWA	TLV-STEL	PEL-TWA	PEL-CEILING	TLV-TWA	SKIN
01	0.1 mg/m3	N.E.	0.1 mg/m3	N.E.	N.E.	NO
02	10 mg/m3dust	N.E.	10 mg/m3dust	N.E.	N.E.	NO
03	10 mg/m3	N.E.	N.E.	N.E.	N.E.	NO

(See Section 16 for abbreviation legend)

Remaining ingredients are not considered hazardous per the OSHA Hazard Communication Standard.

Listed Permissible Exposure Levels (PEL) are from the U.S. Dept. of Labor OSHA Final Rule Limits (CFR 29 1910.1000); limits may vary between states.

## SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: WARNING! Injurious to eyes. Causes skin irritation. Exposure to dust may result in build-up of material in eyes, ears, nose, and mouth which may cause irritation.

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SECTION 3 - HAZARDS IDENTIFICATION  
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POTENTIAL HEALTH EFFECTS:

EFFECTS OF OVEREXPOSURE - EYE CONTACT: May cause eye irritation.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: Wet cement can dry skin and cause alkali burns.

EFFECTS OF OVEREXPOSURE - INHALATION: Exposure to dust may cause irritation to nose, throat, and respiratory system.

EFFECTS OF OVEREXPOSURE - INGESTION: Irritating to mouth, throat and stomach.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: Inhalation of dust may result in pulmonary and respiratory damages. Respirable crystalline silica dust is considered a suspect human carcinogen by IARC. Risk to ones health depends on level and duration of exposure.

MEDICAL CONDITIONS WHICH MAY BE AGGRAVATED BY CONTACT: Asthma and asthma-like conditions may worsen from prolonged and repeated exposure.

PRIMARY ROUTE(S) OF ENTRY: SKIN CONTACT INHALATION

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SECTION 4 - FIRST AID MEASURES  
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EYE CONTACT: Flush with large quantities of water until irritation subsides. Contact a physician.

SKIN CONTACT: Wash with soap and water. If irritation of skin persists, contact a physician.

INHALATION: Remove to fresh air. Contact a physician immediately.

INGESTION: DO NOT INDUCE VOMITING. Contact a physician or Regional Poison Control Center immediately.

COMMENTS: None.

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SECTION 5 - FIRE FIGHTING MEASURES  
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FLASH POINT: N.A.

LOWER EXPLOSIVE LIMIT: N.A.

UPPER EXPLOSIVE LIMIT: N.A.

AUTOIGNITION TEMPERATURE: N.E.

EXTINGUISHING MEDIA: CO2 DRY CHEMICAL FOAM

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SECTION 5 - FIRE FIGHTING MEASURES  
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UNUSUAL FIRE AND EXPLOSION HAZARDS: Material will not burn.

SPECIAL FIREFIGHTING PROCEDURES: None.

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SECTION 6 - ACCIDENTAL RELEASE MEASURES  
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SPILL OR LEAK PROCEDURES: Sweep up excess powder. Place remaining powder into containers.

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SECTION 7 - HANDLING AND STORAGE  
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HANDLING INFORMATION: KEEP OUT OF REACH OF CHILDREN. Keep containers away from excessive heating and freezing. Avoid skin and eye contact. Do not inhale dusts of this product.

STORAGE INFORMATION: Keep container closed when not in use.

OTHER PRECAUTIONS: None.

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SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION  
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ENGINEERING CONTROLS: If dry-sanding, provide sufficient mechanical ventilation to maintain exposure below PEL and TLV. While mixing, provide sufficient mechanical ventilation (local or general exhaust) to maintain exposure below PEL and TLV.

RESPIRATORY PROTECTION: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

EYE PROTECTION: Goggles or safety glasses with side shields.

SKIN PROTECTION: Gloves recommended for repeated or prolonged contact with skin.

OTHER PROTECTIVE EQUIPMENT: Provide eyewash and coveralls if body contact may occur.

HYGIENIC PRACTICES: Follow all MSDS/label precautions even after container is emptied because they may retain product residues.

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES  
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BOILING RANGE : N.A. VAPOR DENSITY : N.A.  
ODOR : Low odor  
APPEARANCE : Gray powder EVAPORATION RATE: N.A.  
SOLUBILITY IN H2O : Dispersible  
SPECIFIC GRAVITY : 2.97  
VAPOR PRESSURE : N.A.  
PHYSICAL STATE : Powder

(See Section 16 for abbreviation legend)

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SECTION 10 - STABILITY AND REACTIVITY  
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CONDITIONS TO AVOID: Excessive heat and freezing.

INCOMPATIBILITY: Strong oxidizers and caustics.

HAZARDOUS DECOMPOSITION PRODUCTS: Normal decomposition products, i.e. COx,  
NOx

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

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SECTION 11 - TOXICOLOGICAL PROPERTIES  
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No product or component toxicological information is available.

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SECTION 12 - ECOLOGICAL INFORMATION  
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No Information.

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SECTION 13 - DISPOSAL CONSIDERATIONS  
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WASTE MANAGEMENT/DISPOSAL: Dispose of according to Federal, State, and  
Local Standards. This product does not meet the definition of a hazardous  
waste according to U.S. EPA Hazardous Waste Management Regulations, 40 CFR  
Section 261. Do not reuse empty containers. State and Local  
regulations/restrictions are complex and may differ from Federal  
regulations. Responsibility for proper waste disposal is with the owner of  
the waste.

EPA WASTE CODE - If discarded (40 CFR 261): None.

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SECTION 14 - TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: Not Regulated by D.O.T.

DOT HAZARD CLASS: NONE

DOT UN/NA NUMBER: NONE                      PACKING GROUP: NONE

SECTION 15 - REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS: AS FOLLOWS -

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

----- CHEMICAL NAME -----	CAS NUMBER	WT/WT % RANGE
No SARA Section 313 components exist in this product.		

TOXIC SUBSTANCES CONTROL ACT:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

----- CHEMICAL NAME -----	CAS NUMBER
None.	

----- CHEMICAL NAME -----	CAS NUMBER
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NEW JERSEY RIGHT-TO-KNOW:

The following materials are non-hazardous, but are among the top five components in this product:

----- CHEMICAL NAME -----	CAS NUMBER
No non-hazardous ingredients are to be reported.	

PENNSYLVANIA RIGHT-TO-KNOW:

The following non-hazardous ingredients are present in the product at greater than 3%:

----- CHEMICAL NAME -----	CAS NUMBER
No non-hazardous ingredients are present at greater than 3%.	

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SECTION 15 - REGULATORY INFORMATION

CALIFORNIA PROPOSITION 65:

WARNING: The chemical(s) noted below and contained in this product, are known to the state of California to cause cancer:

CHEMICAL NAME	CAS NUMBER
Crystalline silica	14808-60-7

INTERNATIONAL REGULATIONS: AS FOLLOWS -

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

CANADIAN WHMIS CLASS: Not regulated.

SECTION 16 - OTHER INFORMATION

HMIS RATINGS - HEALTH: 1      FLAMMABILITY: 0      REACTIVITY: 0

PREVIOUS MSDS REVISION DATE: 02/23/2000

VOC less water, less exempt solvent: 0 g/L  
VOC material : 0 g/L

LEGEND: ACGIH - AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS  
N.A. - NOT APPLICABLE  
N.E. - NOT ESTABLISHED  
PEL - PERMISSIBLE EXPOSURE LIMIT  
NTP - NATIONAL TOXICOLOGY PROGRAM  
SARA - SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986  
STEL - SHORT TERM EXPOSURE LIMIT  
TLV - THRESHOLD LIMIT VALUE(8 HR. TIME WEIGHTED AVERAGE OR TWA)  
VOC - VOLATILE ORGANIC COMPOUND  
NJRTK - NEW JERSEY RIGHT TO KNOW LAW  
N.D. - NOT DETERMINED

MSDS# 79710

This data is offered in good faith as typical values and not as a product specification. No warranty either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review the recommendations in specific context of the intended use and determine if they are appropriate.

< End OF MSDS >